PUBLIC NOTICE

File Number: NRS 14.246

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Ms. Janice Cagle
City of Soddy Daisy
9835 Dayton Pike
Soddy-Daisy, TN 37379
423-332-5323

LOCATION: Dayton Pike, approximately 280 feet north of Harrison Lane intersection
Latitude: 35.237 Longitude: -85.198
Soddy-Daisy, Hamilton County, TN

PROJECT DESCRIPTION: The applicant is proposing to extend one existing 190' 10'x5' box culvert additional 19 additional feet west along unnamed tributary (Bynum Gulch) of Poe's Branch and one 35' 6'x3' box culvert 16' (8' on each side) in a wet weather conveyance to unnamed tributary of Poe's Branch for the addition of turn lanes on Dayton Pike. The authorized work will result in a single waterbody impact to Bynum Gulch of an additional 19 feet of stream encapsulation resulting in a total of 209 cumulative feet of encapsulated stream.

IMPACTS:

STR- 1 - The applicant proposes to encapsulate 19 additional linear feet of Stream 1, identified as Bynum Gulch a tributary of Poe's Branch. Because the culvert extension will result in a cumulative 209 feet of stream encapsulation, the total proposed impact to Stream 1 within the project footprint is above the level of *de minimis* degradation and requires mitigation. Compensatory mitigation will be provided through the purchase of 38 credits at a ratio of 2:1 through the Tennessee Stream Mitigation Program in the Middle Tennessee Hiwassee Service Area.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: The site location contains one tributary to Poe's Branch. All waterbodies are located within the Lower Tennessee River Watershed Group 3 includes parts of Bledsoe, Bradley, Hamilton, Loudon, McMinn, Meigs, Rhea, Roane and Sequatchie countiesand drains approximately 757 square miles within Tennessee. The proposed impact is located in the Southern Limestone/Dolomite Valleys and Low Rolling Hills Ecoregion (67f). For more information on this watershed please visit http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml.

Stream Name / ID #: Bynum Gulch tributary to Poe's Branch (Stream 1)/ TN06020001067_1200
Ecoregion: 67f
Stream Dimension: Channel bottom width 20 - 30 feet
Substrate: rock bottom with stones varying in size from gravel to 8"-12" in diameter

Designated Use	Use Support	Causes
Fish and aquatic life	Not assessed	
Irrigation	Not assessed	
Livestock watering & wildlife	Not assessed	
Recreation	Not assessed	

The division has determined that this stream has unavailable parameters for habitat alteration.

Assessment Date: N/A

PERMIT COORDINATOR: Caitlin Elam

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

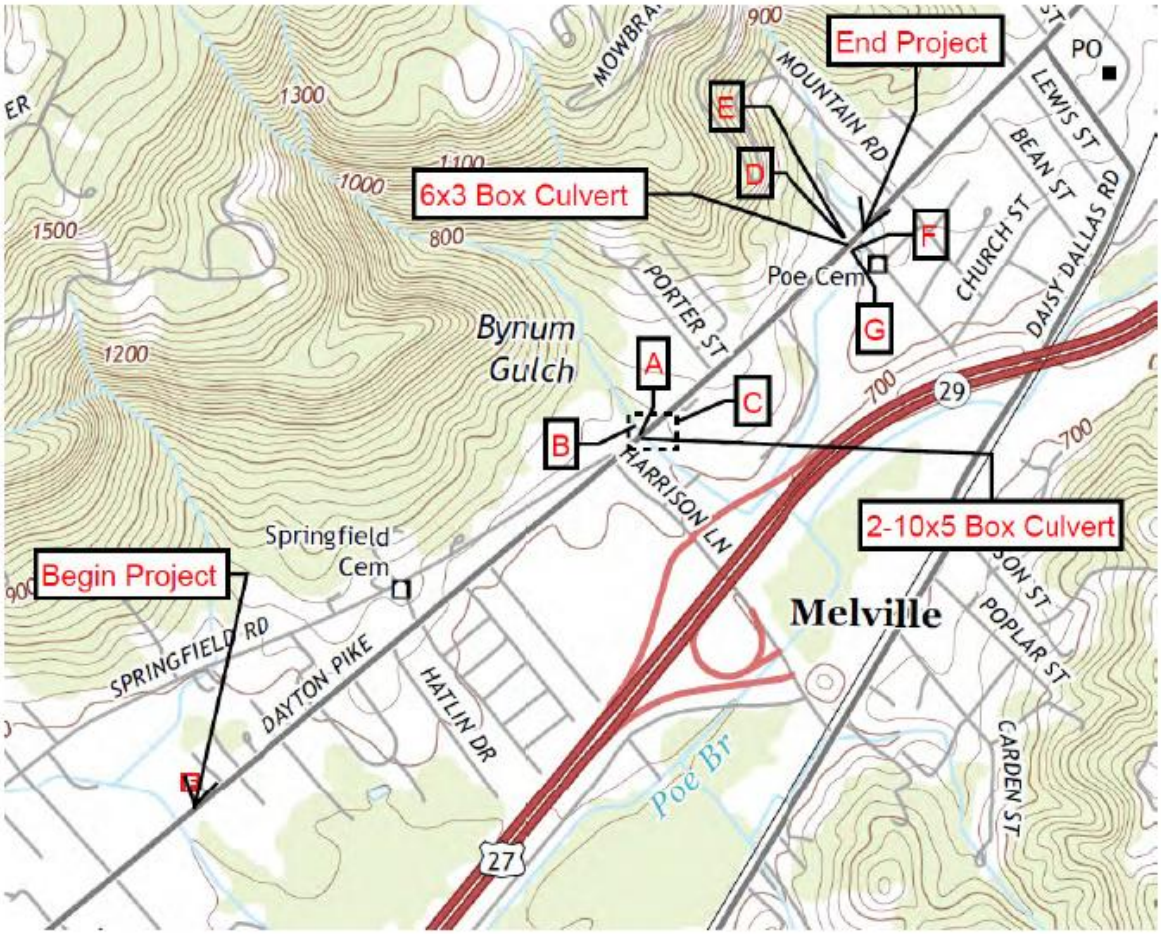
PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

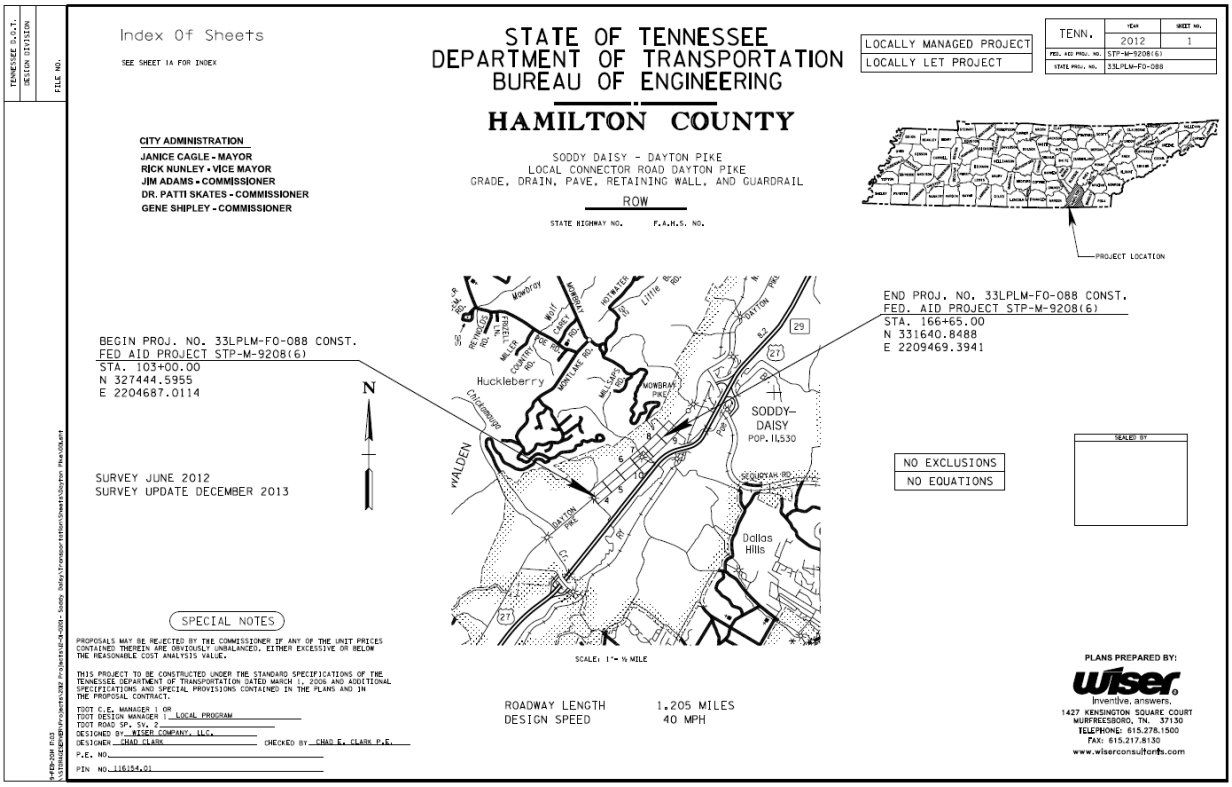
Location:



Quad Map is Daisy US Topo 7.5x7.5 2013

Aerial View of 2-10X5 Box Culvert Location

Design Details:



Index Of Sheets

SEE SHEET 1A FOR INDEX

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

LOCALLY MANAGED PROJECT
LOCALLY LET PROJECT

TENN.	YEAR	SHEET NO.
	2012	1
FED. AID PROJ. NO.	STP-M-9208(6)	
STATE PROJ. NO.	33LPLM-F0-088	

HAMILTON COUNTY

SODDY DAISY - DAYTON PIKE
LOCAL CONNECTOR ROAD DAYTON PIKE
GRADE, DRAIN, PAVE, RETAINING WALL, AND GUARDRAIL
ROW

STATE HIGHWAY NO. F.A.H.S. NO.

PROJECT LOCATION

CITY ADMINISTRATION
JANICE CAGLE - MAYOR
RICK NUNLEY - VICE MAYOR
JIM ADAMS - COMMISSIONER
DR. PATTI SKATES - COMMISSIONER
GENE SHIPLEY - COMMISSIONER

BEGIN PROJ. NO. 33LPLM-F0-088 CONST.
FED AID PROJECT STP-M-9208(6)
STA. 103+00.00
N 327444.5955
E 2204687.0114

END PROJ. NO. 33LPLM-F0-088 CONST.
FED. AID PROJECT STP-M-9208(6)
STA. 166+65.00
N 331640.8488
E 2209469.3941

Huckleberry
SODDY-DAISY
POP. 11,530
Dallas Hills
WALDEN
Chickamauga

SCALE: 1"= ½ MILE

NO EXCLUSIONS
NO EQUATIONS

SURVEY JUNE 2012
SURVEY UPDATE DECEMBER 2013

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT G.E. MANAGER 1 OR
TDOT DESIGN MANAGER 1 LOCAL PROGRAM
TDOT ROAD SP. SV. 2
DESIGNED BY WISER COMPANY, LLC.
DESIGNER CHAD CLARK (CHECKED BY CHAD E. CLARK P.E.
P.E. NO.
PIN NO. 116154.01

ROADWAY LENGTH 1.205 MILES
DESIGN SPEED 40 MPH

SEALED BY

PLANS PREPARED BY:
Wiser
Inventive, answers,
1427 KENSINGTON SQUARE COURT
MURFREESBORO, TN. 37130
TELEPHONE: 615.278.1500
FAX: 615.217.8130
www.wiserconsultants.com

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2013	33LPLM-F1-089	27

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

STREAM/WETLAND

(1) ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G., FOR PIER FOOTING, RIP-RAP PLACEMENT, MULTI-BARREL CULVERT/BRIDGE CONSTRUCTION, ETC.) SHALL BE SEPARATED FROM FLOWING WATER OR EXPECTED FLOW PATH AND PERFORMED DURING LOW FLOW CONDITIONS. ALL ITEMS USED WITHIN THE STREAM CHANNEL AREA FOR DIVERSION OF FLOW (OR EXPECTED FLOW), UNLESS SPECIFIED IN THE PLANS, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS. THIS NOTE EXCLUDES ANY ITEMS SPECIFIED IN THE PLANS FOR THE TEMPORARY DIVERSION CHANNELS, EC-STR-31 AND TEMPORARY DIVERSION CULVERTS, EC-STR-32 FOR SINGLE BARREL CULVERT CONSTRUCTION.

NPDES

(2) NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLANS SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE BASIC EPSC DEVICES ON THE EPSC PLAN CONTAINED IN THE APPROVED SWPPP.

(3) THE EPSC MEASURES AND/OR PLAN SHALL BE MODIFIED AS NECESSARY SO THAT THEY ARE EFFECTIVE AT ALL TIMES THROUGHOUT THE COURSE OF THE PROJECT.

(4) THE ACCEPTED EPSC PLAN SHALL REQUIRE THAT EPSC MEASURES BE IN PLACE BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES, INCLUDING WITHOUT LIMITATION AS FOLLOWS:

A. INITIAL CLEARING AND GRUBBING SHALL BE LIMITED TO THAT NECESSARY FOR THE INSTALLATION OF APPLICABLE EPSC MEASURES IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

B. NO OTHER CLEARING AND GRUBBING OPERATIONS SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

C. NO CULVERT OR BRIDGE CONSTRUCTION SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED IN TO THE SWPPP.

D. NO GRADING, EXCAVATION, CUTTING, FILLING, OR OTHER EARTHWORK SHALL BE STARTED BEFORE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

(5) PERMANENT EPSC MEASURES SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OF ANY SEQUENCE OR PHASE. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OR WHEN CONSTRUCTION ACTIVITIES ON A PORTION OF THE SITE ARE TEMPORARILY CEASED AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME UNTIL AFTER 14 CALENDAR DAYS. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE. UNPAVED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE.

(6) STEEP SLOPES (A NATURAL OR CREATED SLOPE OF 35% GRADE (2.8H:1V) OR GREATER REGARDLESS OF HEIGHT) SHALL BE TEMPORARILY STABILIZED NO LATER THAN 7 CALENDAR DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED.

(7) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SUPPORT ACTIVITIES, TDOT PROJECTS ARE COVERED UNDER THE "WASTE AND BORROW" MANUAL PER THE SSWMP.

(8) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

UTILITY RELOCATION

(9) RAIN WATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND MAINTAINED.

(10) SILT FENCE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY.

(11) UTILITY CROSSINGS FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO UTILITIES IN THIS PROJECT. IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC), THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLANS (SWPPP).

(12) IT IS THE RESPONSIBILITY OF THE UTILITY CONTRACTOR INSTALLER TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM THEIR OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.

(13) FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN SEVEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOIL OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE UTILITY CONTRACTOR UNTIL SUCH TIME AS THE TRENCH IS BACKFILLED.

(14) IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC), TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE UTILITY CONTRACTORS IN THIS PROJECT, THEREFORE, THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTIONS PREVENTION PLANS (SWPPP). THE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE CONTRACT WORK.

(15) TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORM WATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE PROJECT ENGINEER.

(16) FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH FINAL VEGETATIVE COVER.

(17) THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THEIR EXISTING TOPOGRAPHIC CONDITIONS (AS APPROVED BY THE PROJECT ENGINEER).

(18) THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES TO REPLACE IN-PLACE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE PROJECT ENGINEER BEFORE COMMENCING WORK.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	SILT FENCE	EC-STR-18
	EROSION CONTROL BLANKET	EC-STR-14
	SEDIMENT TUBE	EC-STR-17
	FILTER SOCK	EC-STR-8
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	TURF REINFORCEMENT MAT	EC-STR-16
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	SUSPENDED PIPE DIVERSION	EC-STR-33, EC-STR-33A
	RIPRAP	EC-STR-27
	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
	CATCH BASIN FILTER ASSEMBLY (TYPE B)	EC-STR-48
	CURB INLET PROTECTION (TYPE A)	EC-STR-39A
	TEMPORARY CONSTRUCTION EXIT	EC-STR-25

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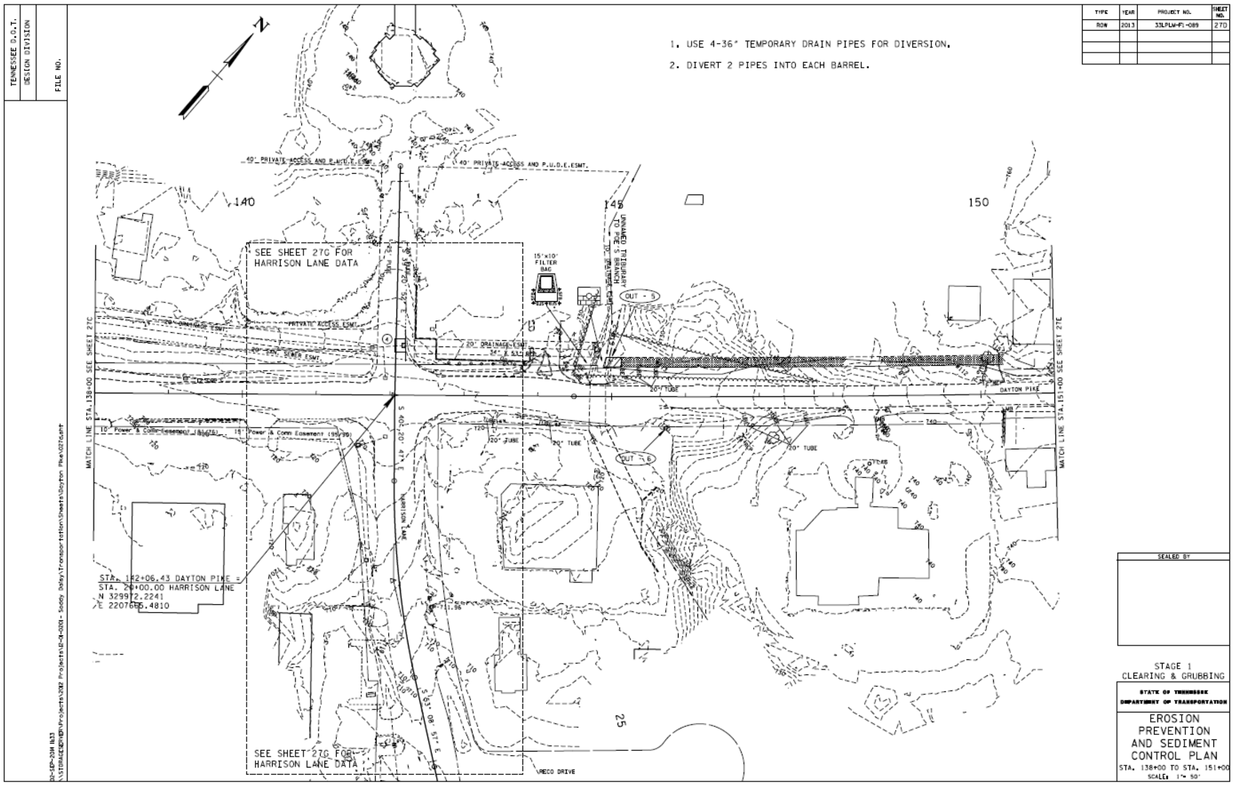
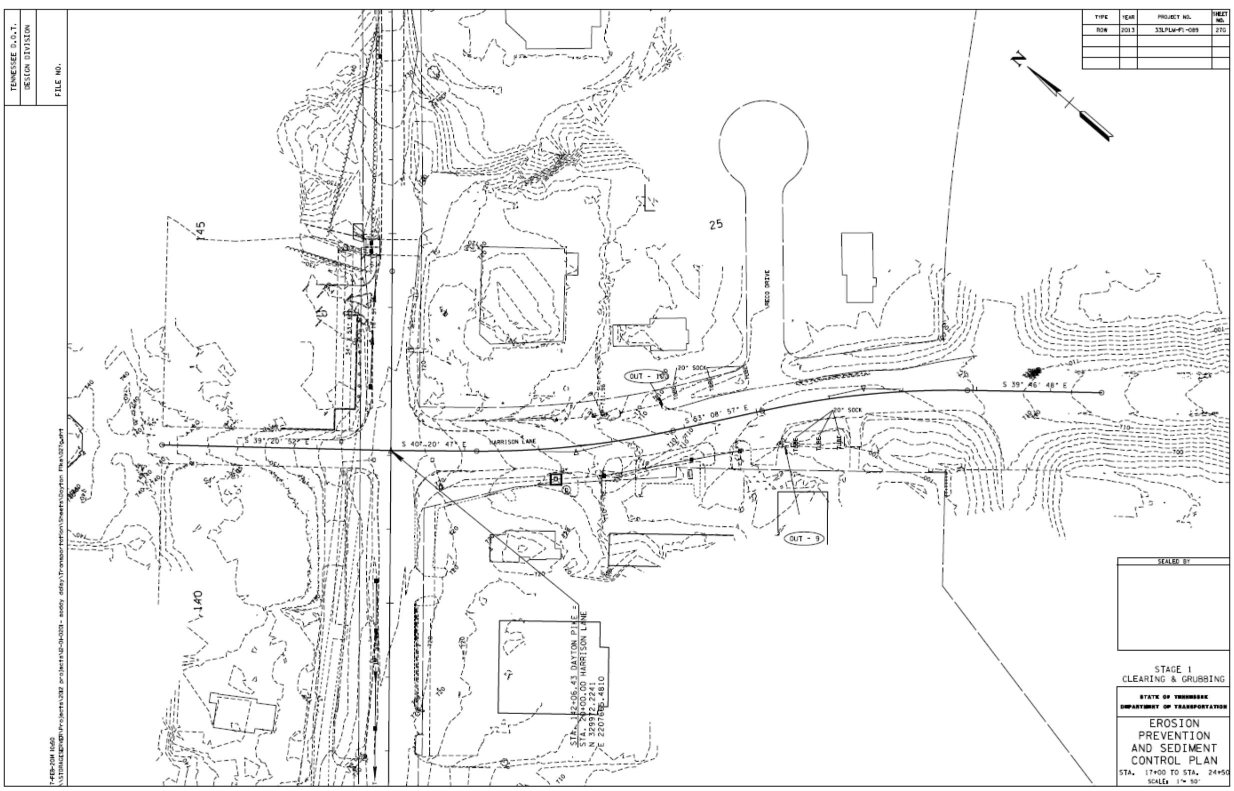
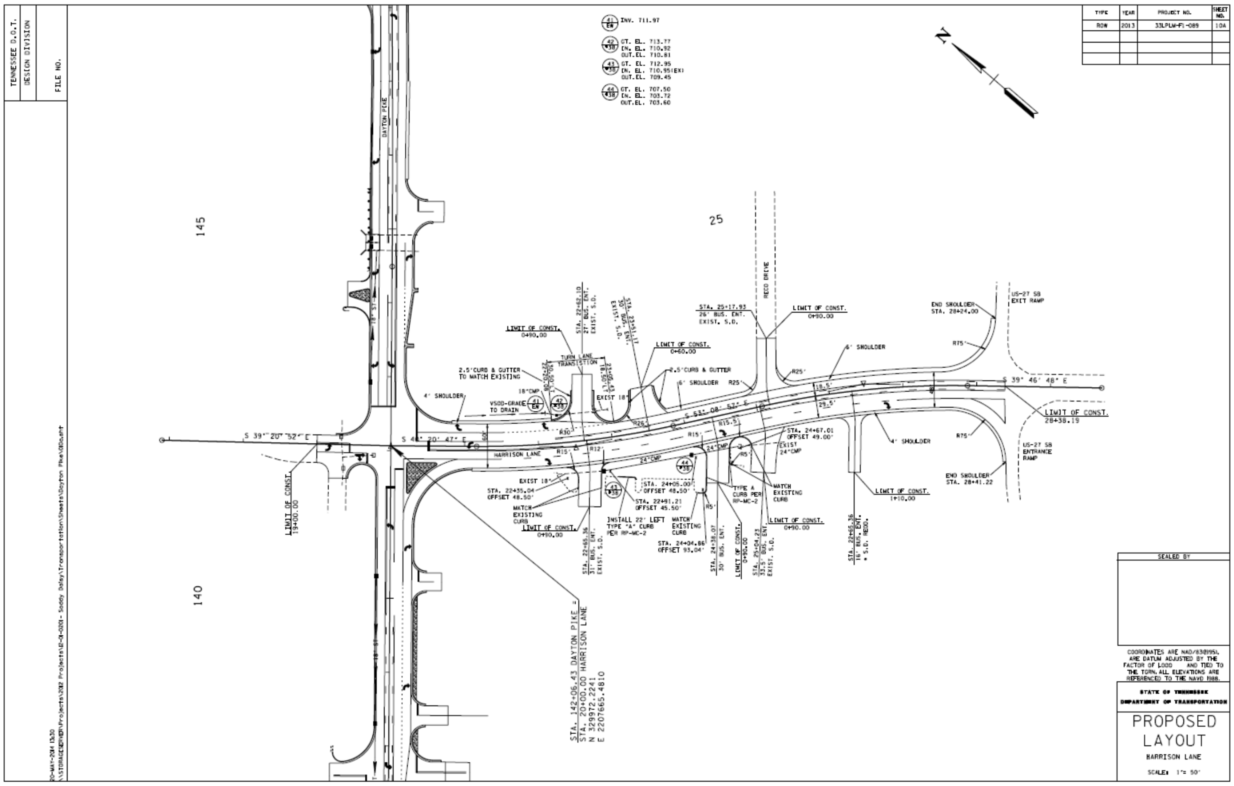
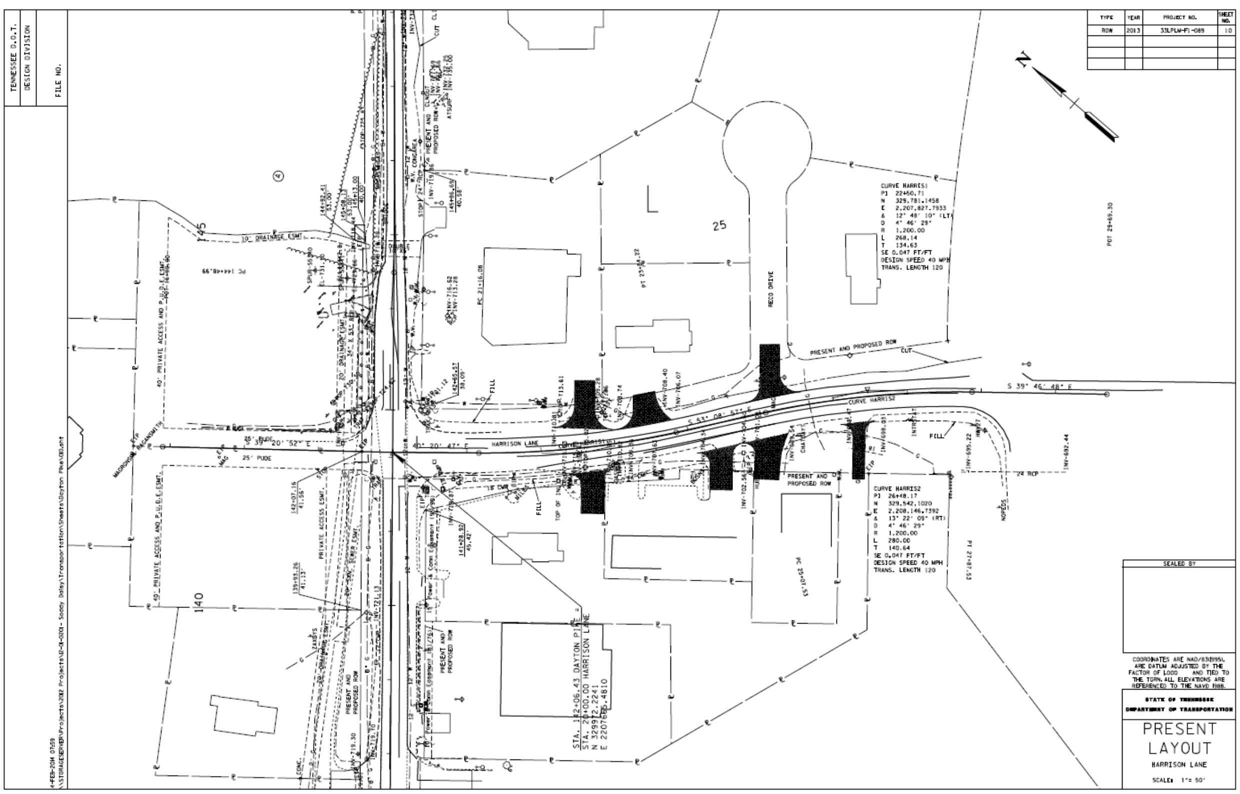
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

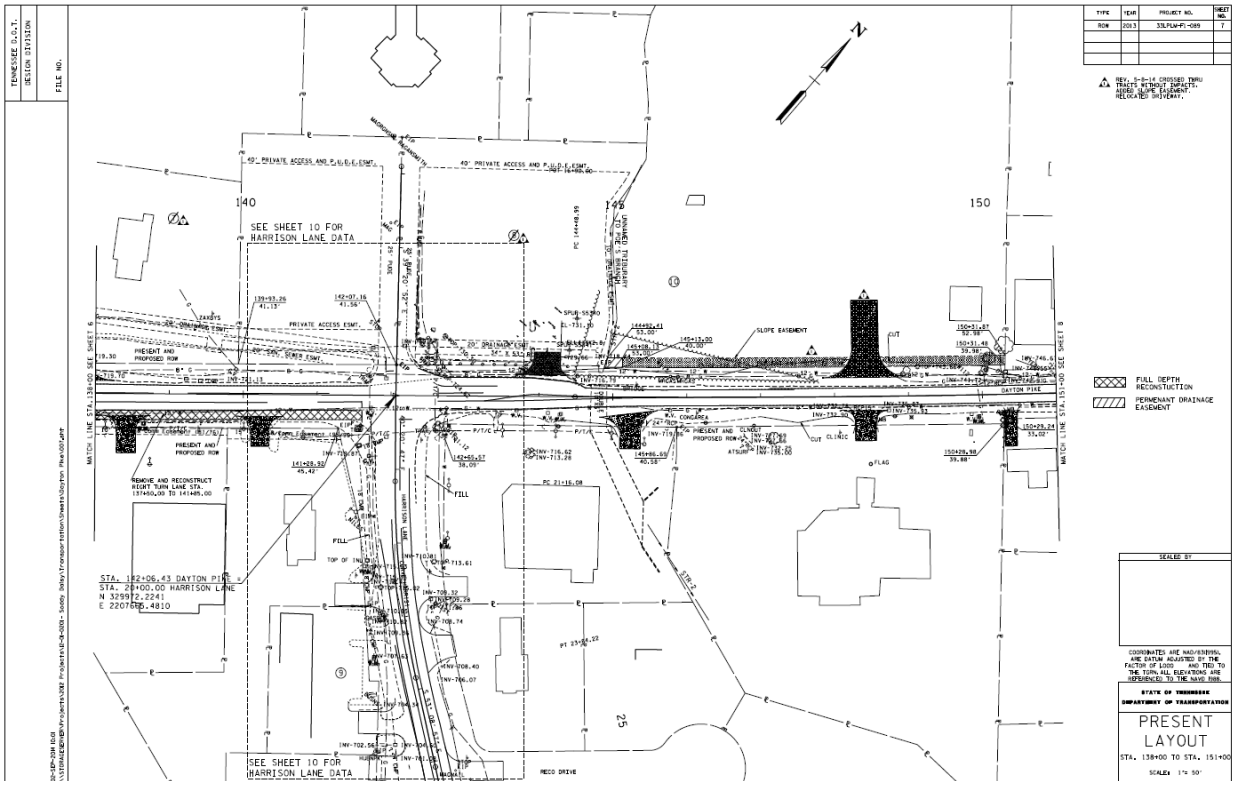
EROSION PREVENTION AND SEDIMENT CONTROL NOTES


TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.
TYPE
YEAR
PROJECT NO.
SHEET NO.
ROW
2013
33LPLM-F1-089
27D
1. USE 4-36" TEMPORARY DRAIN PIPES FOR DIVERSION.
2. DIVERT 2 PIPES INTO EACH BARREL.
40' PRIVATE ACCESS AND P.U.D.E. ESMT.
140
145
150
SEE SHEET 27G FOR
HARRISON LANE DATA
15'x10'
FILTER
BAG
OUT - 5
OUT - 6
20" TUBE
DAYTON PIKE
MATCH LINE STA. 138+00 SEE SHEET 27C
MATCH LINE STA. 151+00 SEE SHEET 27E
STA. 142+06.43 DAYTON PIKE =
STA. 20+00.00 HARRISON LANE
N 329972.2241
E 2207665.4810
HARRISON LANE
25
RECO DRIVE
SEALED BY
STAGE 1
CLEARING & GRUBBING
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN
STA. 138+00 TO STA. 151+00
SCALE: 1"= 50'


TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.
TYPE
YEAR
PROJECT NO.
SHEET NO.
ROW
2013
33LPLM-F1-089
27G
145
140
25
RECO DRIVE
OUT - 10
OUT - 9
20" SOCK
S 39° 20' 52" E
S 40° 20' 47" E
HARRISON LANE
S 63° 08' 57" E
S 39° 46' 48" E
STA. 142+06.43 DAYTON PIKE =
STA. 20+00.00 HARRISON LANE
N 329972.2241
E 2207665.4810
SEALED BY
STAGE 1
CLEARING & GRUBBING
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN
STA. 17+00 TO STA. 24+50
SCALE: 1"= 50'


TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.
TYPE | YEAR | PROJECT NO. | SHEET NO.
ROW | 2013 | 33LPLM-F1-089 | 10A
DAYTON PIKE
HARRISON LANE
RECO DRIVE
145
140
25
LIMIT OF CONST.
6' SHOULDER
4' SHOULDER
2.5' CURB & GUTTER
END SHOULDER STA. 28+24.00
END SHOULDER STA. 28+41.22
US-27 SB EXIT RAMP
US-27 SB ENTRANCE RAMP
S 39° 46' 48" E
S 39° 20' 52" E
STA. 142+06.43 DAYTON PIKE =
STA. 20+00.00 HARRISON LANE
N 329972.2241
E 2207665.4810
SEALED BY
COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TDRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROPOSED
LAYOUT
HARRISON LANE
SCALE: 1"= 50'


TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.
TYPE | YEAR | PROJECT NO. | SHEET NO.
ROW | 2013 | 33LPLM-F1-089 | 10
CURVE HARRIS1
PI 22+60.71
N 329,781.1456
E 2,207,827.7933
Δ 12° 48' 10" (LT)
D 4° 46' 29"
R 1,200.00
L 268.14
T 134.63
SE 0.047 FT/FT
DESIGN SPEED 40 MPH
TRANS. LENGTH 120
CURVE HARRIS2
PI 26+48.17
N 329,542.1020
E 2,208,146.7392
Δ 13° 22' 00" (RT)
D 4° 46' 29"
R 1,200.00
L 280.00
T 140.64
SE 0.047 FT/FT
DESIGN SPEED 40 MPH
TRANS. LENGTH 120
PRESENT AND PROPOSED ROW
RECO DRIVE
HARRISON LANE
145
140
25
S 39° 46' 48" E
STA. 142+06.43 DAYTON PIKE =
STA. 20+00.00 HARRISON LANE
N 329972.2241
E 2207665.4810
SEALED BY
COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TDRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PRESENT
LAYOUT
HARRISON LANE
SCALE: 1"= 50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2013	33LPLM-F1-089	7

REV. 5-8-14 CROSSED THRU TRACTS WITHOUT IMPACTS. ADDED SLOPE EASEMENT. RELOCATED DRIVEWAY.

TENNESSEE D.O.T. DESIGN DIVISION FILE NO.

SEALED BY

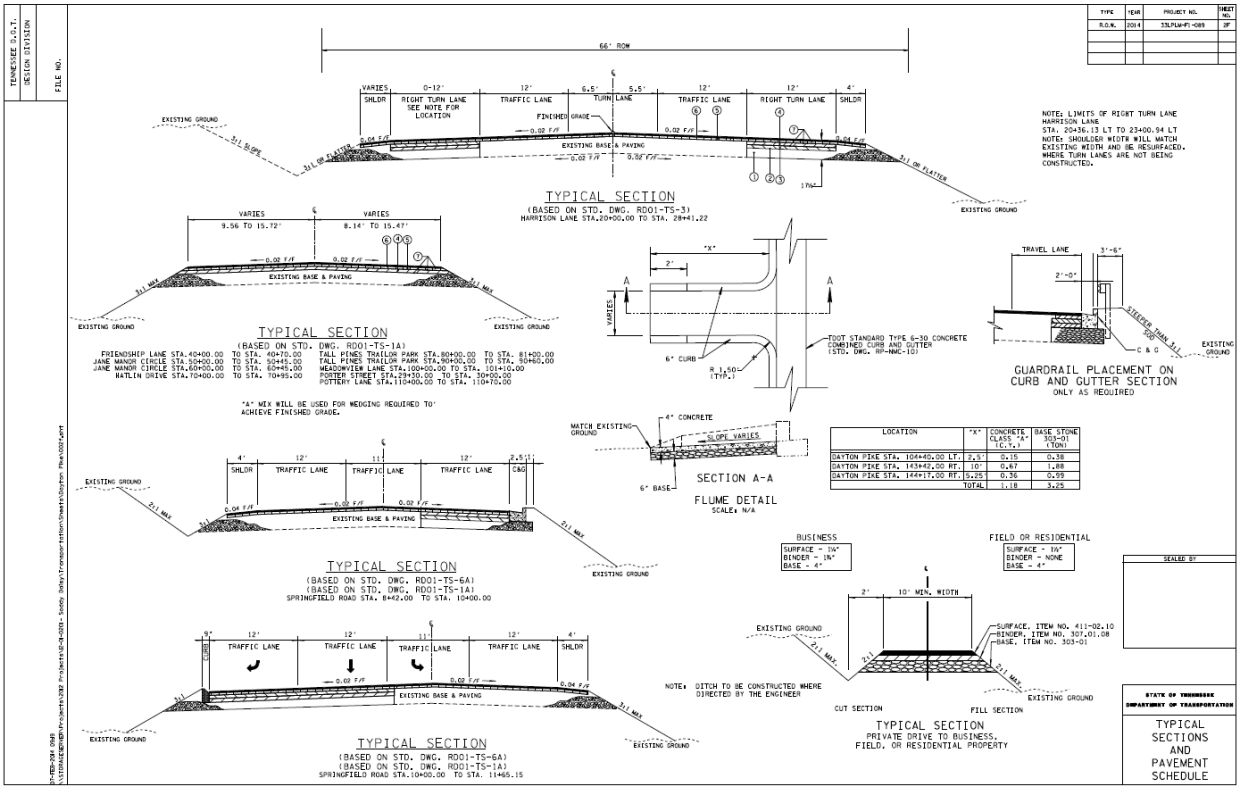
COORDINATES ARE NAD/83(2011) AND DATUM ADJUSTED BY THE FACTOR OF 1.0001 AND TIED TO THE TDPM. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 138+00 TO STA. 151+00

SCALE: 1"= 50'



NOTE: LIMITS OF RIGHT TURN LANE HARRISON LANE STA. 20+36.13 LT TO 23+00.94 LT
NOTE: SHOULDER WIDTH WILL MATCH EXISTING WIDTH AND BE RESURFACED. WHERE TURN LANES ARE NOT BEING CONSTRUCTED.

LOCATION	"X"	CONCRETE CLASS "A" (C.Y.)	BASE STONE 303-01 (TON)
DAYTON PIKE STA. 104+40.00 LT.	2.5'	0.15	0.38
DAYTON PIKE STA. 143+42.00 RT.	10'	0.67	1.68
DAYTON PIKE STA. 144+17.00 RT.	2.25'	0.36	0.99
	TOTAL	1.18	3.25

BUSINESS
SURFACE - 1¼"
BINDER - 1¾"
BASE - 4"

FIELD OR RESIDENTIAL
SURFACE - 1½"
BINDER - NONE
BASE - 4"

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2014	33LPLM-F1-089	2F

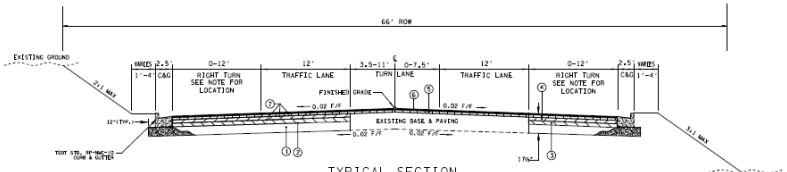
SEALED BY

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

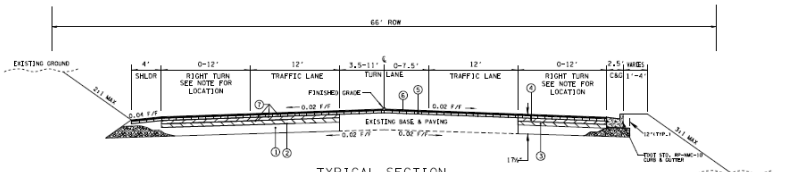
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2014	STLPLN-P1-089	2E



TYPICAL SECTION

(BASED ON STD. DWG. RD01-TS-6A)
DAYTON PIKE STA.137+78.82 TO STA. 145+67.35
DAYTON PIKE STA.147+00.00 TO STA. 157+40.00

NOTE: LIMITS OF RIGHT TURN LANE
DAYTON PIKE
STA. 129+55.73 RT TO 131+94.82 RT
STA. 137+00.83 RT TO 140+96.95 RT
STA. 142+53.00 LT TO 145+75.00 LT
STA. 143+30.00 RT TO 144+81.56 RT



TYPICAL SECTION

(BASED ON STD. DWG. RD01-TS-6A)
(BASED ON STD. DWG. RD01-TS-3)
DAYTON PIKE STA.157+40.00 TO STA. 158+52.33

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

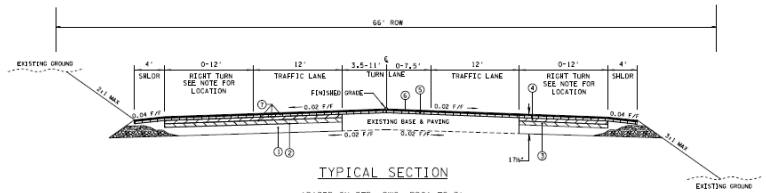
TYPICAL SECTIONS AND PAVEMENT SCHEDULE

PROPOSED PAVEMENT SCHEDULE

(1) MINERAL AGGREGATE BASE (8"± THICK) 303-01 MINERAL AGGREGATE TYPE A BASE, GRADING D	(4) BLACK BASE (APPROX. 345 LBS./S.Y.)(3"± THICK) 307-02.01 ASPHALT CONCRETE MIX (PGTO-22) (BPMB-BM) GRADING	(7) TACK COAT 403-01 BIT. MAT'L. FOR TACK COAT (TD) @ 0.02 GAL./S.Y.
(2) PRIME COAT 402-01 BIT. MAT'L. FOR PRIME COAT (PC) @ 0.30-0.35 GAL/S.Y. 402-02 AGGREGATE FOR COVER MAT'L @ 8-12 LBS./S.Y.	(5) BINDER (APPROX. 226 LBS./S.Y.)(2"± THICK) 307-02.08 ASPHALT CONCRETE MIX (PGTO-22) (BPMB-BM) GRADING B-M2	⊛
(3) BLACK BASE (APPROX. 270 LBS./S.Y.) (3"± THICK) 307-02.02 ASPHALT CEMENT (PGTO-22) (BPMB-BM) GRADING A-S 307-02.03 AGGREGATE (BPMB-BM) GRADING A-S MIX	(6) SURFACE (APROX. 159 LBS./S.Y.)(1½"± THICK) 411-02.10 ACS MIX(PGTO-22) GRADING D	⊛

TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

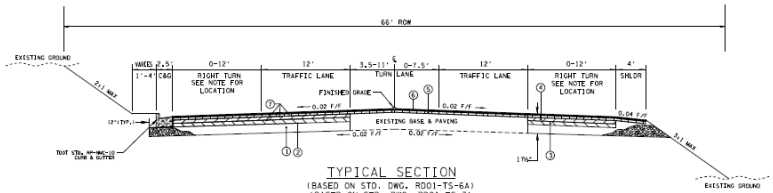
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2014	STLPLN-P1-089	2D



TYPICAL SECTION

(BASED ON STD. DWG. RD01-TS-3)
DAYTON PIKE STA.103+00.00 TO STA. 104+24.57
DAYTON PIKE STA.158+52.33 TO STA. 161+15.50
DAYTON PIKE STA.166+55.02 TO STA. 167+05.00

NOTE: LIMITS OF RIGHT TURN LANE
DAYTON PIKE
STA. 129+55.73 RT TO 131+94.82 RT
STA. 137+00.83 RT TO 140+96.95 RT
STA. 142+53.00 LT TO 145+75.00 LT
STA. 143+30.00 RT TO 144+81.56 RT



TYPICAL SECTION

(BASED ON STD. DWG. RD01-TS-6A)
(BASED ON STD. DWG. RD01-TS-3)
DAYTON PIKE STA.104+24.50 TO STA. 137+78.82
DAYTON PIKE STA.145+67.35 TO STA. 147+00.00
DAYTON PIKE STA.161+15.50 TO STA. 166+55.02

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DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

PROPOSED PAVEMENT SCHEDULE

(1) MINERAL AGGREGATE BASE (8"± THICK) 303-01 MINERAL AGGREGATE TYPE A BASE, GRADING D	(4) BLACK BASE (APPROX. 345 LBS./S.Y.)(3"± THICK) 307-02.01 ASPHALT CONCRETE MIX (PGTO-22) (BPMB-BM) GRADING	(7) TACK COAT 403-01 BIT. MAT'L. FOR TACK COAT (TD) @ 0.02 GAL./S.Y.
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PHOTO A – 2-10'x5' BOX FACING SOUTHWEST – INLET

PHOTO B – 2-10'x5' BOX FACING NORTHWEST – EXISTING UPSTREAM CONDITIONS INLET